

EXPRESS MAIL LABEL NO.: EV 485808975 US  
Form PTO-1449

Sheet 1 of 3

Applicant: Shin Kamei, et al.  
Serial No.: 10/715,146  
Filing Date: November 17, 2003  
Confirmation No.: 1904  
For: OPTICAL WAVEGUIDE CIRCUIT

Att'y Docket No.: 14321.59  
Group: 2874


SUPPLEMENTAL INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

U.S. Patent Documents

<u>Examiner</u> <u>Initial*</u>	<u>Document</u> <u>Number</u>	<u>Publ./Issue</u> <u>Date</u>	<u>Name</u>	<u>Class</u>	<u>Sub</u> <u>Class</u>	<u>Filing</u> <u>Date</u>
<u>A</u> A1.	5577141	11/19/96	Adar et al.			03/10/95
<u>C</u> A2.	2002/122623	09/05/02	Yoneda			12/29/00

Foreign Patent Documents

<u>Examiner</u> <u>Initial*</u>	<u>Document</u> <u>Number</u>	<u>Publ.</u> <u>Date</u>	<u>Country or</u> <u>Patent Office</u>	<u>Sub</u> <u>Class</u>	<u>Class</u>	<u>Trans-</u> <u>lation</u>
<u>A</u> A3.	EP1118888A2	07/25/01	EPO			no
<u>C</u> A4.	CA 2315458	02/10/01	Canada			no
<u>E</u> A5.	GP 2370128	06/19/02	Great Britain			no

Examiner: 

Date Considered: 7/2005

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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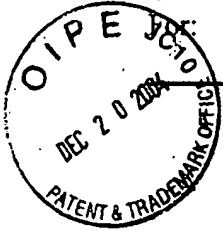
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OPTICAL WAVEGUIDE CIRCUIT



Other Documents

(including author (if listed), title, relevant pages, date of publication including at least month and year).

Examiner

Initial\*

  A6.   Aretz K, et al., *Reduction of cross talk . . .*, Electronics letters, IEE Stevenage, GB, vol. 25, no. 11, 25 May 1989 (1989-05-25), pages 730-731, XP)))112786, ISSN: 0013-5194

Examiner:                     

Date Considered: 9/2005

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EXPRESS MAIL MODEL NO.: EV 485808975 US

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### References Cited by Applicants

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

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The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

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For: OPTICAL WAVEGUIDE CIRCUIT

INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANTU.S. Patent Documents

Examiner Initial*	Document Number	Issue Date	Name
<u>EL</u> 1	6,304,687 B1	10/16/2001	Inoue et al.
<u>EL</u> 2	6,320,888 B1	11/20/2001	Tanaka et al.

Foreign Patent Documents

Examiner Initial*	Document Number	Publication Date	Country or Patent Office	Translation
<u>EL</u> 3	0 919 840 A1	06/02/1999	EPO	N/A
<u>EL</u> 4	63-33706	02/13/1988	Japan	No
<u>EL</u> 5	10-300957	11/13/1998	Japan	No
<u>EL</u> 6	11-97784	04/09/1999	Japan	No
<u>EL</u> 7	2000-29079	01/28/2000	Japan	No
<u>EL</u> 8	WO 98/36299	08/20/1998	PCT	No

Other Documents

(including author, title, pertinent pages, etc.)

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<u>EL</u> 9	H. Takahashi et al., <i>Arrayed-Waveguide Grating for Wavelength Division Multi/Demultiplexer with Nanometre Resolution</i> , Electronics Letters, Vol. 26, No. 2, January 1990, pp. 87-88.
<u>EL</u> 10	M. Okuno et al., <i>8 X 8 Optical Matrix Switch Using Silica-Based Planer Lightwave Circuits</i> , IEICE Trans. Electron, Vol. E76-C, No. 7, July 1993, pp. 1215-1223.

Examiner:

Date Considered:

7/2005

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- 11 T. Tanaka, et al., *Integrated External Cavity Laser Composed of Spot-Size Converted LD and UV Written Grating in Silica Waveguide in Si*, Electronics Letters, Vol. 32, No. 13, June 1996, pp. 1202-1203.
- 12 S. Suzuki et al., *High-Density Integrated Planar Lightwave Circuits Using SiO<sub>2</sub>-GeO<sub>2</sub> Waveguides with a High Refractive Index Difference*, Journal of Lightwave Technology, Vol. 12, No. 5, May 1994, pp. 790-796, May 1994.
- 13 Shin Kamei et al., *Loss Reduction in Super-high-Δ Compact Athermal AWG*, Proceedings of the 2003 IEICE Society Conference, September 10, 2003, pp. 145 (with English translation).

### References Cited by Applicants

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